

FIG. 1

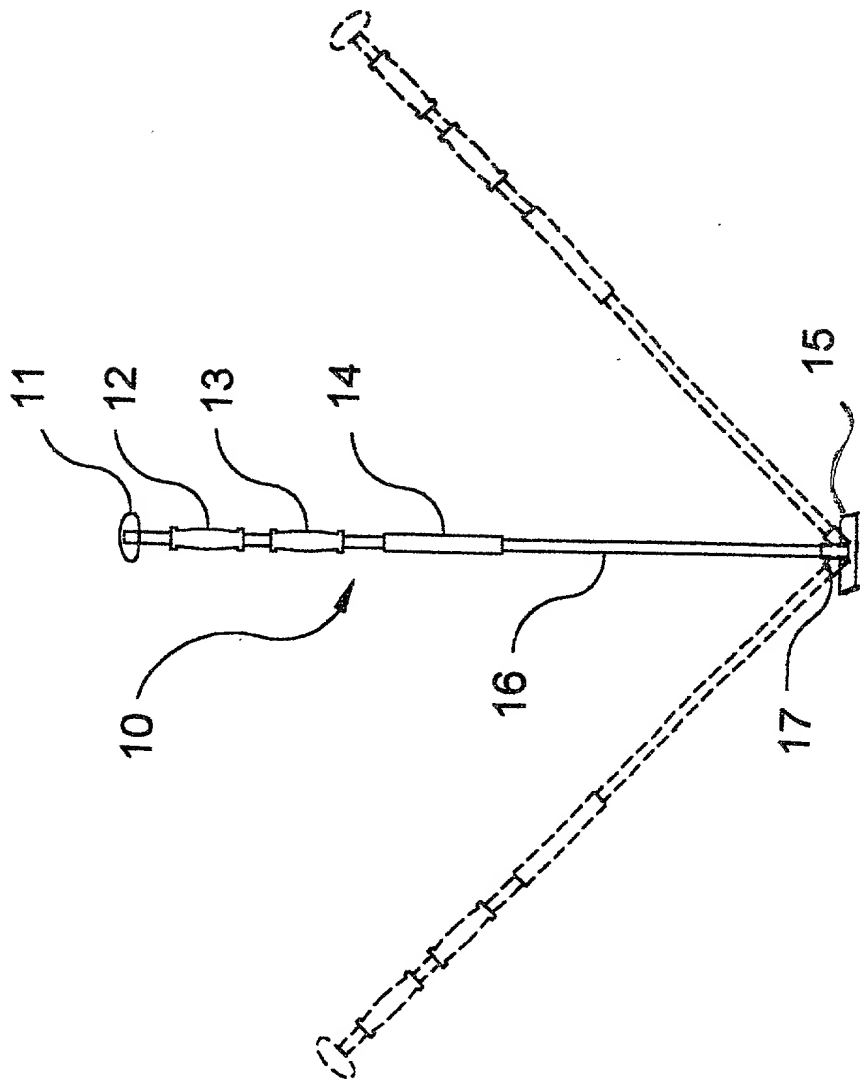
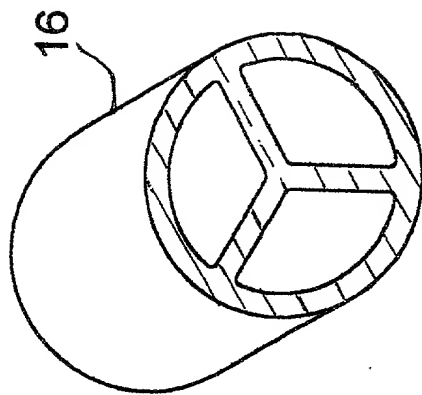


FIG. 2



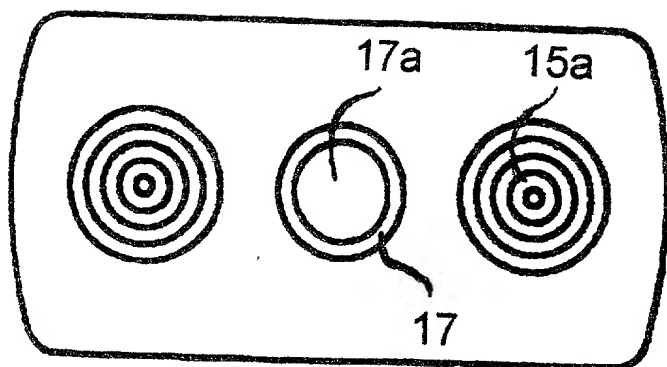


FIG. 4

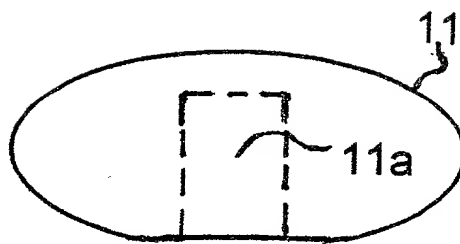


FIG. 3

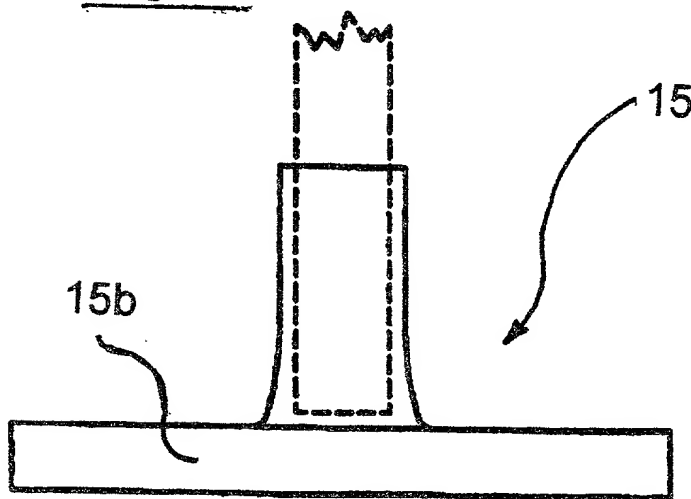


FIG. 5

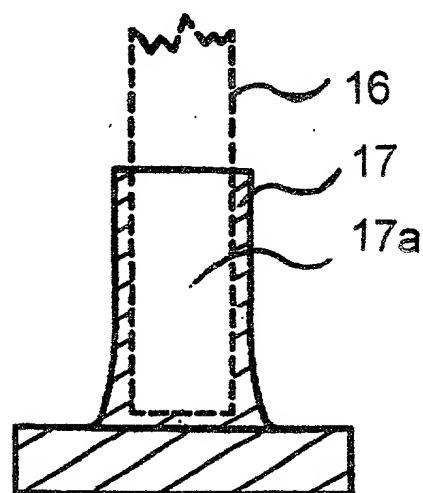


FIG. 6

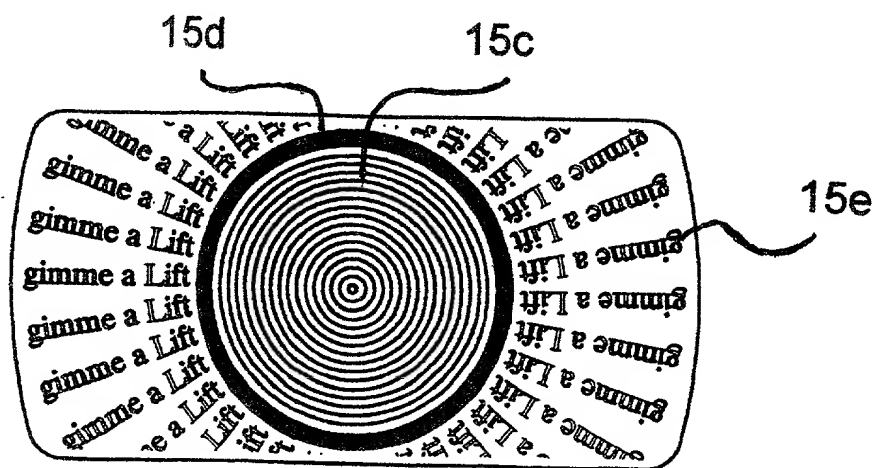


FIG. 7

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FIG. 8a

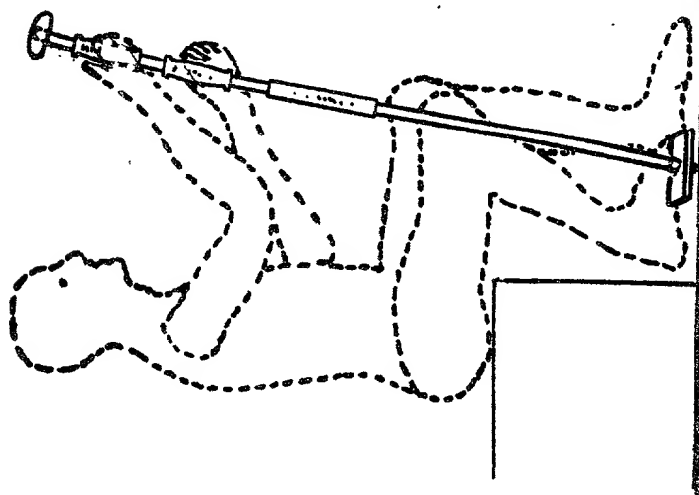


FIG. 8b

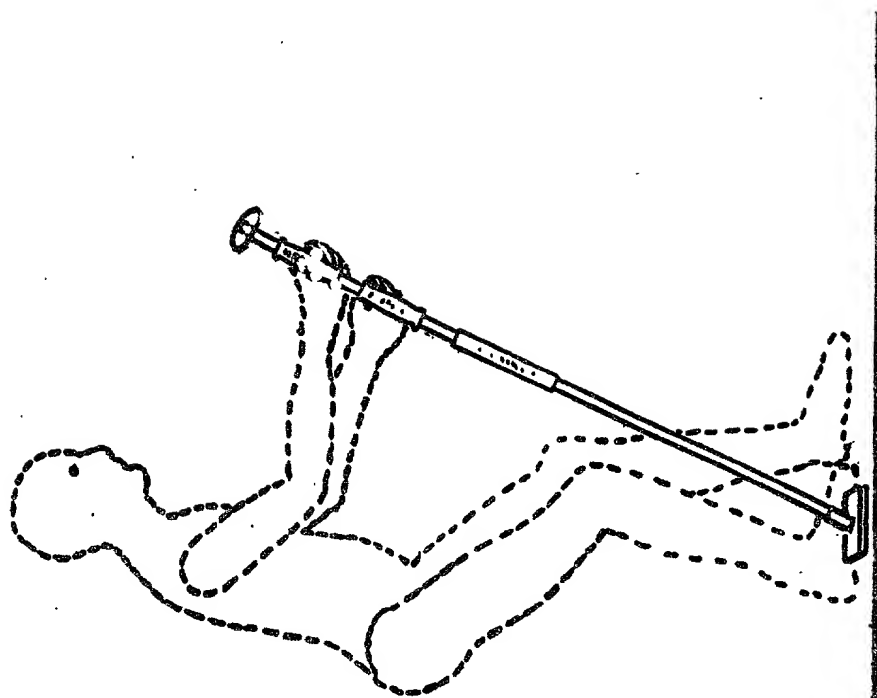


FIG. 9a

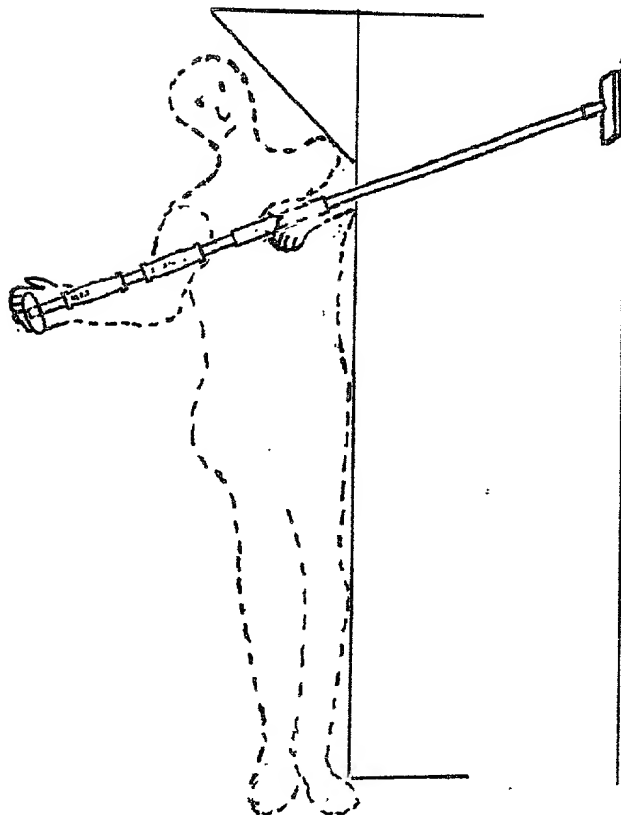


FIG. 9b

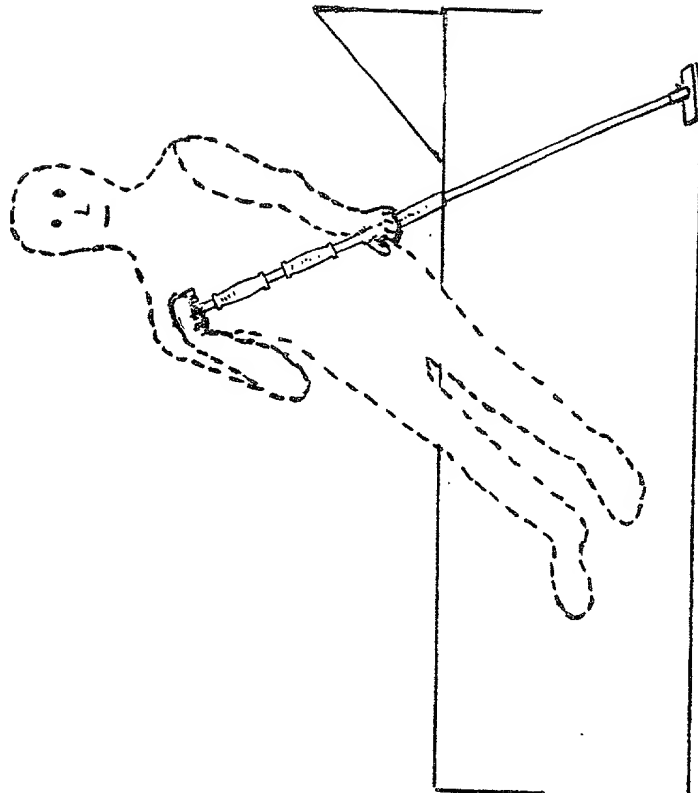


FIG. 10a

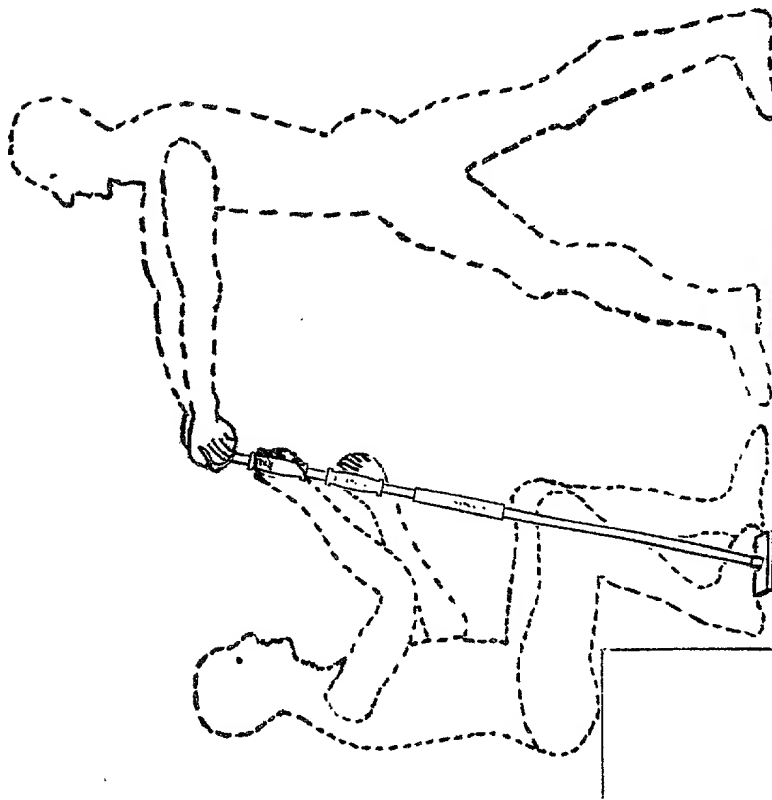


FIG. 10b

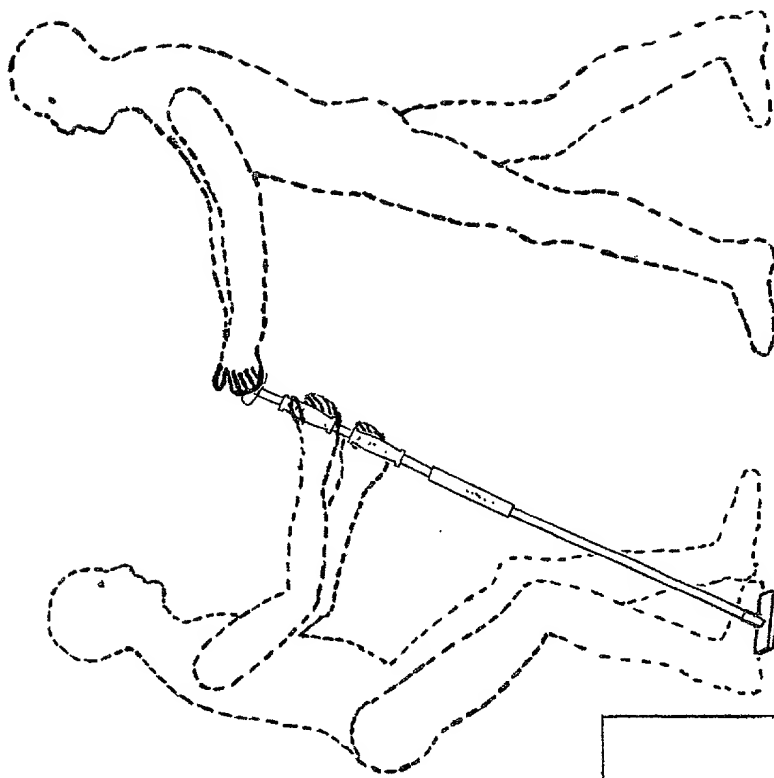


FIG. 11a

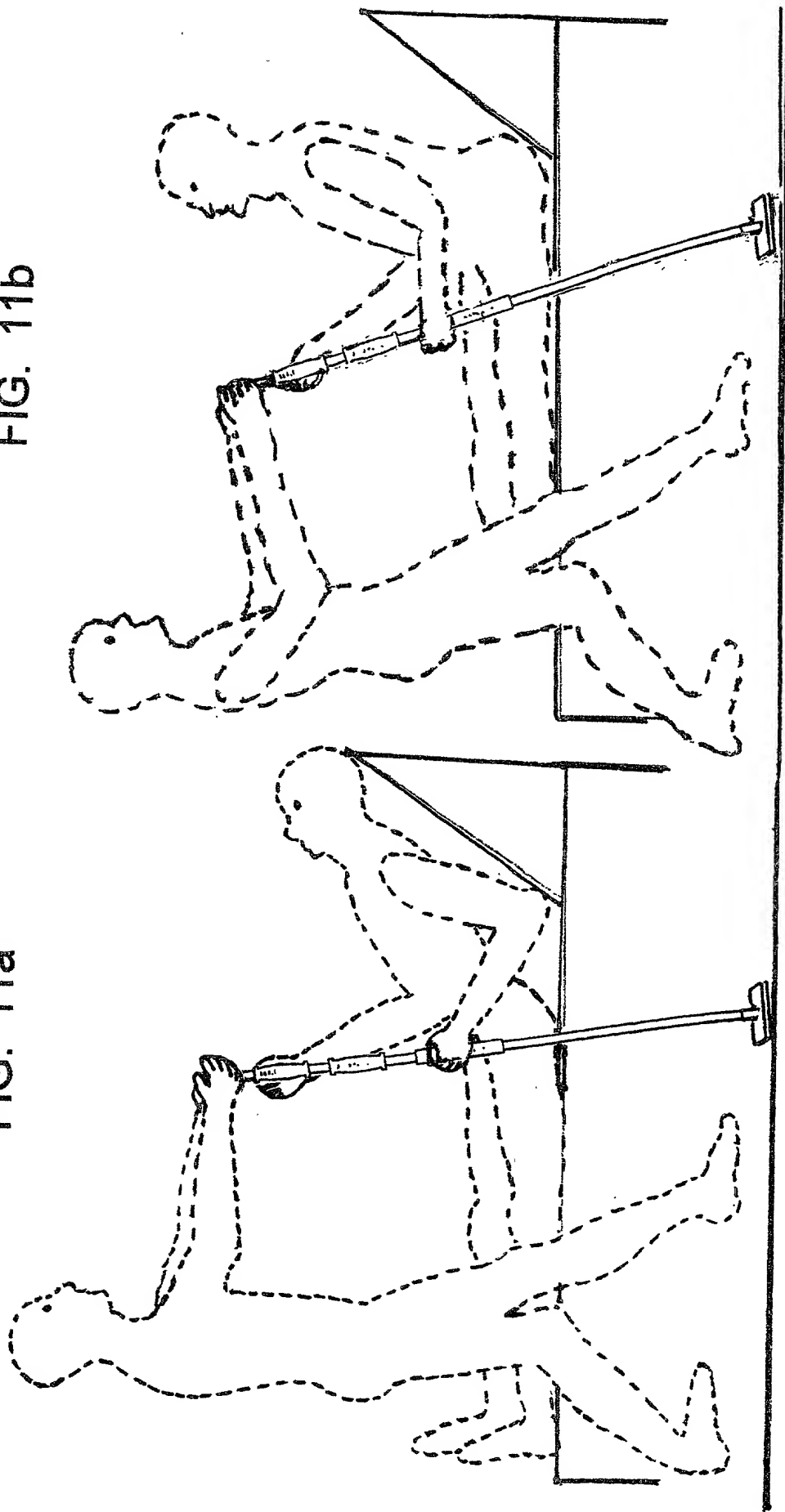


FIG. 11b

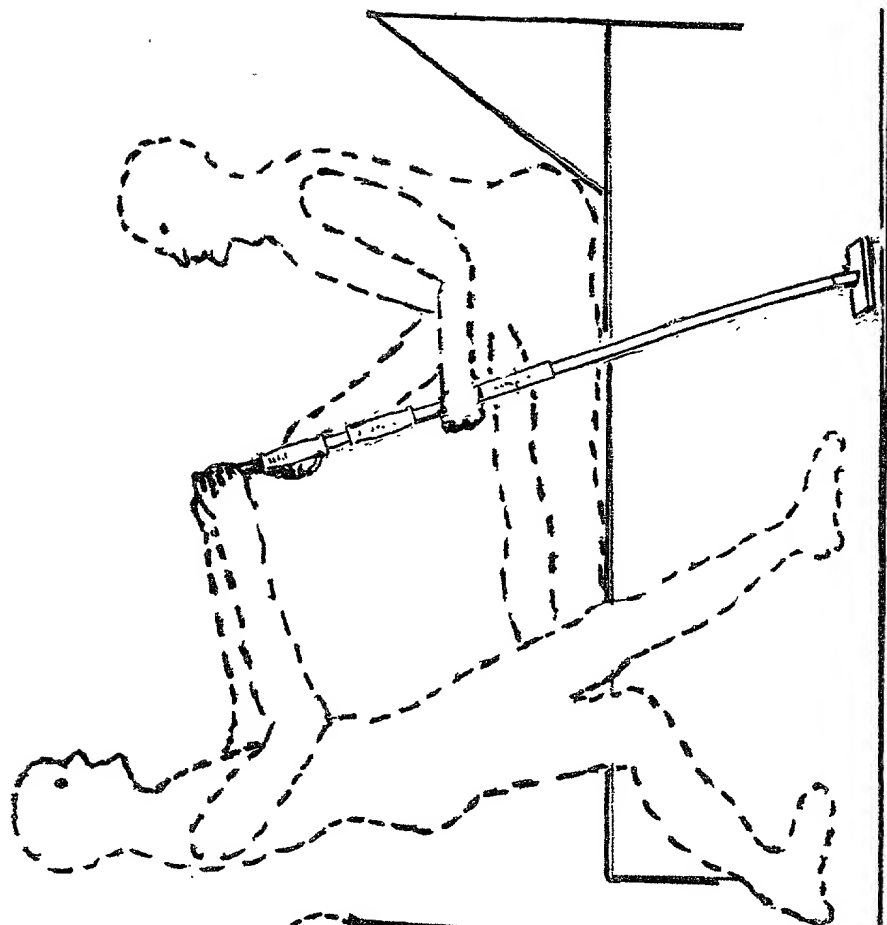


FIG. 12b

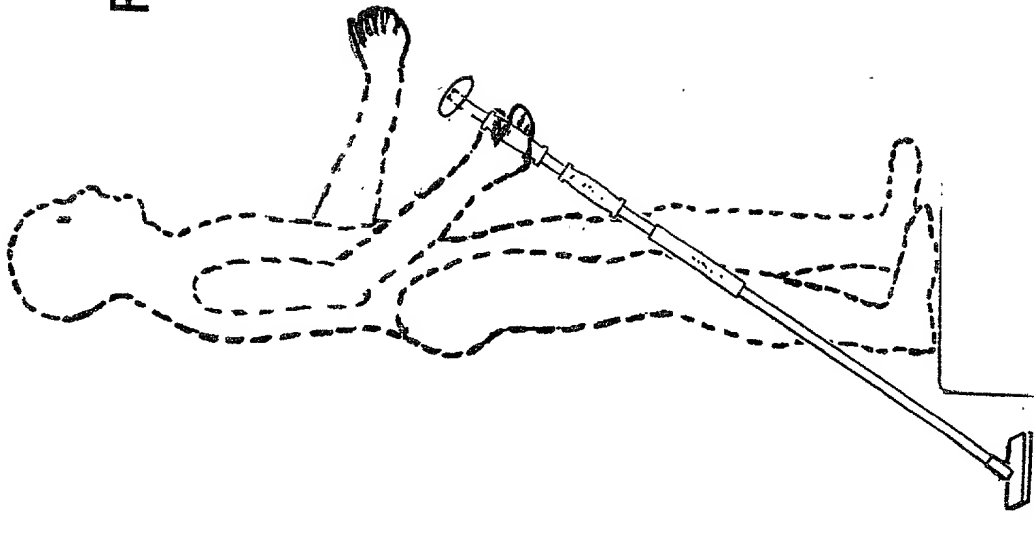


FIG. 12a

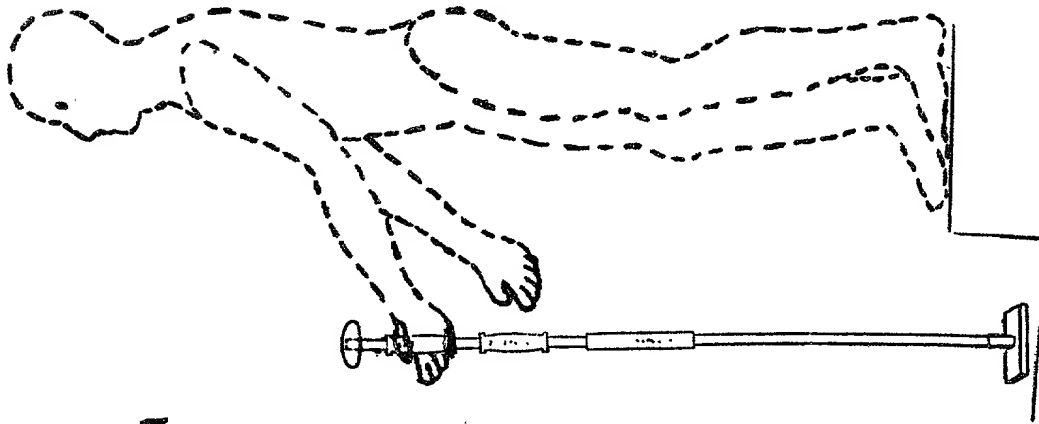
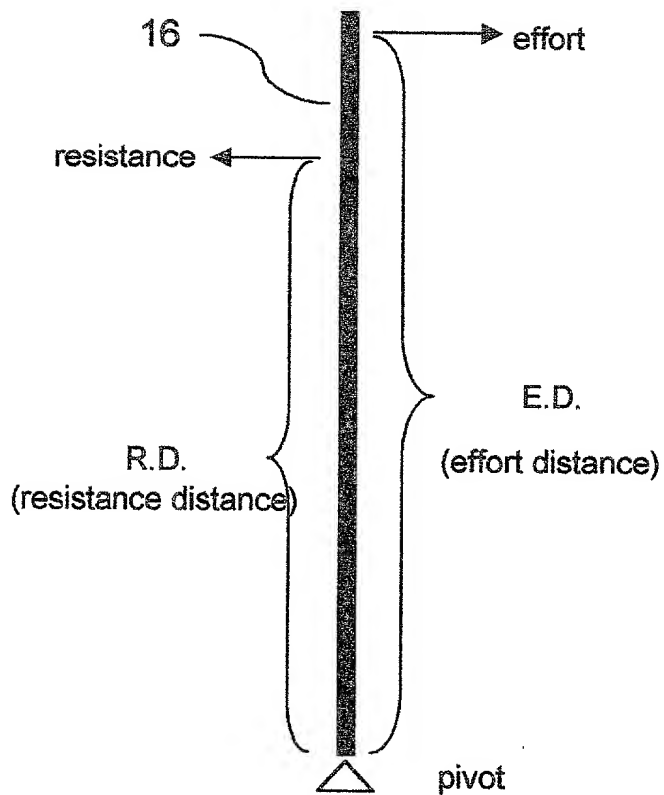


FIG. 13



$$\text{Mechanical Advantage (Ideal)} = \frac{\text{Effort Distance (E.D.)}}{\text{Resistance Dist. (R.D.)}}$$

$$\text{Mechanical Advantage (Real)} = \frac{\text{Resistance}}{\text{Effort}}$$

$$\frac{\text{E.D.}}{\text{R.D.}} = \frac{\text{R (patient)}}{\text{E (nurse)}}$$

$$E = R \frac{\text{R.D.}}{\text{E.D.}}$$

FIG. 14

